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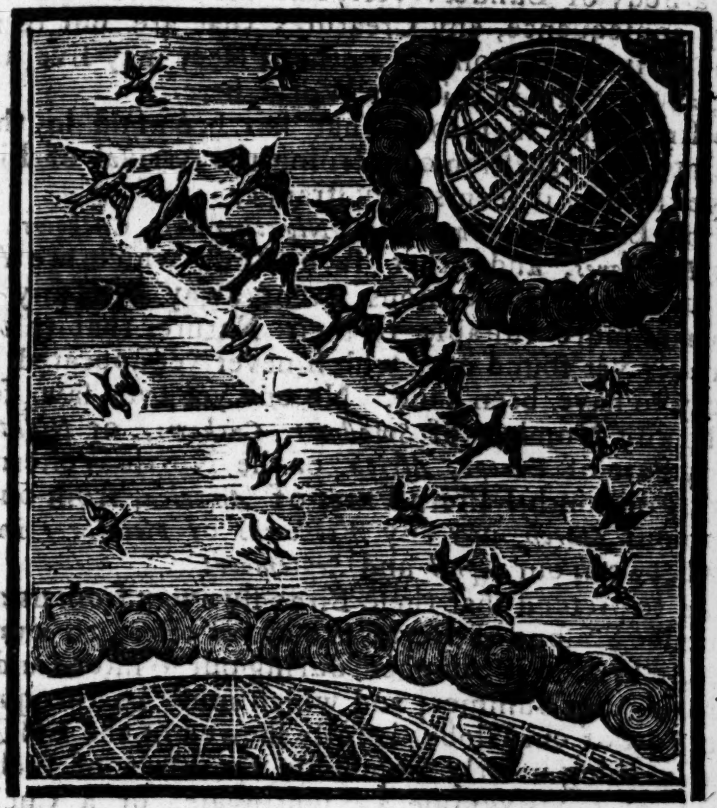
# A SUPPLEMENT

## *To the Enquiry into the* QUESTION,

Where the Swallow, the Nightingale, Woodcock, Fieldfare, Stork, Cuckow, and other Birds of Paſſage Go and Reſide, when Abſent from us?

Swallows, Nightingales, Cuckows, &c. Going UP to the MOON.



Woodcocks, Fieldfares, Redwings, &c. coming DOWN from the MOON.

THat Treatiſe not containing all that may be ſaid on that curious Subject, this SUPPLEMENT to it is as follows.——A thorough Search into this nice Queſtion, cannot fail of being of more Service in Order to make many uſeful Diſcoveries in Nature, than may eaſily be imagined, ſince we ſee that Aſtronomers think it ſo very much worth their while, to employ ſo much Time and Thought about ſo mean and inconſiderable a thing in it ſelf, as only an Eclipſe is, which is no more than a mere Privation of Light, a Non-Entity, only a Shaddow of ſmall Duration, and no more in Reality than a Man's putting his Hand between his Eye and a Candle, and this ſeemingly inconſiderable little Shaddow, and ſhort Darkneſs is the only thing by which the greateſt Diſcoveries and Improvements in Aſtronomy can be made.

This therefore proves it to be a Matter of ſometimes the greateſt Importance to make a diligent Search into the Works of Nature, amongſt which, this Enquiry concerning the Recets and Abode of theſe Birds of Paſſage is none of the leaſt, In which we'l proceed as follows.

The MOON being now proved in the *Copernican* Syſtem to be a Body of Land & Water, like this World we here live in, by conſequence, any Creatures that are but in it, or do but arrive to it from any other Place, may live as well there, as they do in this our World here.

To ſtrengthen therefore what has been ſaid in the *Enquiry* into this Queſtion concerning the Arrival of Birds of Paſſage thither, it ſeems very ſtrange,

If for Example, *Swallows*, *Nightingales*, *Cuckows*, *Woodcocks*, *Fieldfares*, and other ſuch Birds which are Abſent from us at certain Seaſons, went away into any other Countries more ſuitable to their Nature, that this Place was never yet found out, which never yet appeared in any Hiſtory to have been done. No one yet ever ſaw for Example any Number of *Swallows*, *Cuckows*, or *Nightingales* in any Part of *Europe*, *Africa*, or the North-Weſtern Parts of *Aſia*, or South Eaſtern Parts of *America*, from our *October*, to our *March*, nor any *Woodcocks* or *Fieldfares* in thoſe Parts between our *April* and *September*:

And to pretend that theſe Birds fly away from us at their reſpective Seaſons of Departure as far off as to our Antipodes, where it is Summer during our Winter, and Winter during our Summer, and which muſt be the quite oppoſite Part of our Globe, is fully ſhewed in the ENQUIRY to be a thing utterly impoſſible for Birds of ſuch ſhort Flight (as for Example a Nightingale, or a Cuckow is) ever be able to do.——As for thoſe Stories of *Swallows* lying in Holes in the Bottoms of Rivers, they are ſo improbable, that no reaſonable Perſon can ever believe that cold Water and Clay can be Quarters warm enough for ſuch Summer Creatures. If theſe Stories had been true, it wou'd have been very much worth the while of ſome curious Perſon or other, inquiſitive into the Nature of *Things* to have procured ſome of thoſe ſleeping *Swallows*, to have obſerved the Progreſs of Nature concerning them, which we do not find that ever any one did.—And again, it may be wondered at, that no curious Perſon, ſhould have, by Pinioning ſome of theſe Fowls, preſerved them, to ſee if they wou'd live with us all the Year or not.

This we do not find to have been ever yet done.

Theſe Birds (for Example *Woodcocks*) are not perceived

at their first coming to be sooneſt either in the Eaſterly, or Weſterly Parts of any Country, nor that they fly Weſtwards when they are raiſed upon the Wing, more than to any other Quarters, whereas if they came from any particular Coaſt, (for Example from the Eaſt) 'tis likely their Tendency to ſpread themſelves farther wou'd be ſtill at a more Diſtance *From* thoſe Coaſts from whence they came.

But they are as it were ſcattered all over a Country in a Night's time, and where there are Springs whoſe Steams contribute moſt to the Attraction of them, they there fall down the plentifulleſt.———So that at their firſt coming Down to us, they Hover aloft, about our *Atmoſphere* where the Attraction is weak:

And that when they firſt come *Down* to the outmoſt Parts of *Our Atmoſphere*, they there Try the Air, to take hold of thoſe Steams that are moſt agreeable to them, and *There* they drop *Right Down*. And in the ſame Manner the *Swallows* are ſcattered all about a Country in a Night's time.

As to the Account of the Departure and Coming again of the *Storks* in *Holland*, the following Letter in Mr. *Bradley*'s Philoſophical Account of the Works of Nature, *pag.* 84, fully proves what is ſaid in the 4th Page of the *Enquiry*.

SIR, *Being lately in* Holland, *I enquired concerning the Coming and Departure of thoſe Storks, which I there ſaw in ſuch great Numbers: The People told me that theſe Storks about the End of* September *gather all together in* Harlem-Meer, *where they continue ſome few Days chattering and ſnapping with their Bills:*

*After which they make no more Noiſe, but in a little Time they all riſe ſlowly together* STRAIT UP, *making in the Air as they Soar up ſeveral Rounds and Circles, till by Degrees this great Flock of Birds, which at its firſt Riſe almoſt darkned the Air, at laſt appears to be in a Manner but a Point, and ſo diſappear till the next Spring when they viſit them them again.* I am, *&c.*

All which makes it beyond Diſpute that they on a ſudden Drop DOWN from their *Winter* Quarters in the *Moon*.

And to confirm the Text from *Jeremiah* cited in the ſame Page of the *Enquiry*, we may take Notice, that the Expreſſion IN *the Heavens*, is only aſcribed in the *Scripture* to thoſe Things that have a Being quite out of *Our* Earth.

Now Fowls that are ſaid to be OF *the Heavens*, are ſuch as fly and wander about only in the Aerial Heavens, to ſhew the Difference from Animals that can only walk upon the Earth, and therefore are called *Fowls* OF the Heavens, or belonging to that Part of *Our* Air *Up Above*, which vulgarly are called the Heavens.

But the Expreſſion IN *the Heavens* is ſomething more, *viz.* a Kind of an Abode for ſix Months together in ſomething that cannot be called the Air, and therefore muſt be ſome ſolid Heavenly Body, ſuch as the *Moon* is.

For ſince IN *the Heavens* cannot ſignify to be only in the Air, where 'tis impoſſible for any Creature to reſide for ſix Months together, it remains that theſe Fows do go *Up* unto and remain in ſome one of the Celeſtial Bodies:

Which, (as has been ſhewed in the Enquiry) muſt be the *Moon*, as neareſt to them, and bearing moſt Relation to this our Earth, having in it a ſufficient habitable Abode for them, ſuch as *Land*, *Water*, &c. as clearly appears in the *Copernican* Syſtem.——As to the Rarity of the Air, and Diſtance between the Attraction of this our Globe, and that of the Moon, to what is ſaid in the Enquiry may be added, that the Air between the TWO Atmoſpheres is thin, and makes no Manner of Reſiſtance to the Wing:

So that the whole Strength of the Bird is reſerved only for its Progreſſive Motion, and by Conſequence the Bird's Motion in its Paſſage is infinitely Eaſier, and Swifter, than the ſwifteſt Motion of any Living Creature in *This Our World* can poſſibly be, and this eſpecially ſince their whole Journey is performed without the leaſt Degree of any Manner of Draw-back or Hindrance from any Gravidation, Impediment or Attraction from any Atmoſphere, they being in None, but in their Journey between TWO *Atmoſpheres* and that there Journey is made *quite out of any Atmoſphere* where there is no Manner of Impediment by their own Weight, or Attraction from any other Body, & more by a progreſſive Inſtinct forwards, than by any Action of their own as they act when they move IN an Atmoſphere.

Thus a Horſe, for Example, in Running, is hindred by the Impediment of its own Weight; but a Bird has no Manner of Weight beyond & out of the Attraction & *Atmoſphere* of either Our Earth, or the *Body of the Moon*.

The Horſe has alſo the Reſiſtance & Pulſion of the Air; the Bird has no ſuch thick Air to ruſh and puſh againſt *Out of an Atmoſphere*. And again, As all Animals are ſtronger proportionable to their Bulk, the ſmaller they are.

So a *Swallow* or a *Nightingale*, being but very ſmall Birds, are by Conſequence proportionable to their Bulk, much ſtronger than greater Animals, and by Conſequence, how infinitely ſwift may they not move forwards, when being OUT OF ANY *Atmoſphere* & *Attraction*, they have no Impediment either Intrinſecal from their own Weight & Bulk, or Extrinſecal from Air, to encounter & puſh againſt?

And

And again, we know not how ſoon theſe Birds may arrive at, & meet with the *Moon*'s Attraction, perhaps ſooner than we here imagin, which, if ſo, will very much forward & haſten their Velocity, till they come to their *Journies End*.

We may draw a very good Conjecture from the particular Tameneſs and Familiarity of theſe Birds at their firſt coming to us, they being not all afraid of US, as other Birds that ſtay with us all the Year are, that they are not deſtroyed in the *Place* from whence they come, as they are by us, whereas at their going away they are much more wild, which ſhews that they come from another Sort of a World, than this is, which we here live in.

In the *Philoſophical Tranſactions* for the Year 1720. Mr. *Derham* ſpeaking of the Migration of theſe Birds, recommends to the *R. Society*, that they would procure to be obſerved in all Parts of the Kingdom the very Day the firſt Approach of theſe Migratory Birds ſhou'd be ſeen or heard.

And to obſerve how the Winds ſit at the ſame time, eſpecially towords the Sea Coaſt: By which will eaſily be perceived whither theſe Birds come from any other Part of *This Our* Earth or not. The *Swallow* ſays Mr. *Derham* about the End of *March* makes a great Out-cry at his firſt coming to us, as if he ſaw ſomething ſtrange here, from what he ſaw in the Place from whence he came, which denotes it to be ſome other World, & a new Region from what it came from —And after having been here a whole Summer towards the End of it, when Flies, Inſects, and other their natural *Food* fails them *Here*, and by a natural Inſtinct they are carried *Upwards*, the higher they riſe, the leſs Thick is the *Air*; ſo that when once but a Quarter of a Mile High, the Air is ſo *Thin*, as to give than little or no Reſiſtance, and ſtill *leſs* Reſiſtance, the *higher* they go:

And likewiſe, the *nearer* they approach to the *Moon*, they are moſt violently *drawn* to it, by the *Attractive Force* of its *Center*; and therefore are by the incomprehenſible Power of an *Omnipotent Being*, rather *Carried along*, than that *they Carry themſelves along*; ſo that having *no Thick Air* to Encounter with between the *Two Atmoſpheres*, there is no ſuch Thing as their being Tired & Unable to make ſuch a Paſſage.

Add to all this, That the nearer any Bird flies to any Earth, the greater is the *Earth's Attraction* of the Bird to it:

So that when any of theſe Birds are got up above OUR Atmoſphere, there is then *no Attraction at all* to Retard or Pull Back their Progreſſion upwards, 'till they come to another Atmoſphere and Attraction from another Center, *viz.* that of the *Moon*.

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And this more eſpecially ſince it evidently appears by the *Bills of Mortality* that in and about *London*, (the ſame may be ſaid of *Dublin*, *Paris*, or any other great City) above 12000 Children Yearly die of their TEETH, and *Fits*, *Fevers*, *Convulſions*, &c. cauſed thereby;

A vaſt many of theſe incomparable Necklaces have been of late Years *uſed* (upon Dr. *Chamberlen*'s Recommendation) *in Numbers of Families*, whoſe Children, almoſt at Death's *Door* with their *Teeth*, recovered after this *Necklace* was *Put on*.

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Whenever therefore you perceive that the *Child* is *Breeding* its *Teeth*, & its *Gums* to be *Swell'd*, *Sore*, or *Inflam'd* therewith,

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Then let the *Nurſe* or *Mother* put upon the End of their Finger a *Drop* or two of the *Liquid Coral* that is put up along with it, and rub it gently *to & fro* over the Gums to make them give Way for the Eaſy coming out of the *Teeth*.

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And have been ſtronger, & healthyer at 8 or 9 *Months old*, than others at 12 or 18 *Months*, by having had [*thro God Almig'ty's Bleſſing & Aſſiſtance*] *Fits*, *Chin-Coughs*, *Ruptures*, *Fevers*, *Convulſions* & other ſuch *Ailments* incident to Children, kept off and prevented, to the unſpeakable *Joy* of the Parents.

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It wonderfully ſtrengthens the Eye, where it is Dim, Weak, or naturally of too dull a Water giving it Briſkneſs and Vigour, clearing the Sight, and preſerving it ſtrong and good to exceeding old Age:

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ANODYNE NECKLACE

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